

ALAN SEBASTIAN

alansebastian2026@ec.sjcetpalai.ac.in | +91 8075044585
LinkedIn: <https://www.linkedin.com/in/alansebastian-thekkel>

PERSONAL PROFILE

Electronics and Communication Engineering student with a strong academic foundation and hands-on experience in VLSI, embedded systems, and wireless communication. Demonstrated ability to lead, collaborate, and solve real-world problems using technical and analytical skills. Eager to innovate and contribute in the field of electronics and communication engineering.

ACADEMIC CREDENTIALS

St. Joseph's College of Engineering and Technology, Palai
Bachelor of Technology, Electronics & Communication, Jan 2022 – Jun 2026

Chavara Public School, Pala
HSE, 2010 – 2022

TECHNICAL AREAS OF INTEREST

VLSI Design, Embedded Systems, Wireless Communication, Microcontroller Interfacing, Signal Processing, SDR Communication

CERTIFICATIONS AND VALUE-ADDED COURSES

- 1st Place – XRC Autonomous Vehicles, ASME EFest Tech Connect 2025
- Participant – BUILDATHON, INFORMATYKA 4.0
- MATLAB Course – MathWorks (Signal Processing, Simulink, Circuit Simulation)
- NPTEL – Real-Time DSP, CMOS Digital VLSI Design

INTERNSHIP EXPERIENCE

KELTRON, Feb 2024
- Internship on Introduction to IoT

EDUVERSITY (with AMG Technology Services Ltd), Date Not Specified
- Online Internship on Embedded Systems

ACADEMIC PROJECTS

Gas Leakage Detection and Control System for Air Conditioners – Detects harmful gas emissions using sensors and automatically cuts off power to prevent hazards.

SEMINARS AND PAPER PRESENTATIONS

Presented a seminar on 'Deep Learning in Electronic Device Automation' as part of academic curriculum.

VOLUNTEERING EXPERIENCE

- Volunteer, NSS – SJCET Palai (Oct 2023 – Dec 2024)
- Community Radio Campus Lead, SJCET (Oct 2024 – Present)

POSITIONS OF RESPONSIBILITY

- Execom Member – Electronics & Communication Students Association (2022 – 2025)
- Campus Lead – Radio Community (2024 – 2025)

PERSONAL TRAITS

- Leadership
- Problem Solving
- Teamwork
- Time Management
- Adaptability

CO-CURRICULAR AND EXTRA CURRICULAR ACTIVITIES

Active participant in ASME, IEEE, and Electronics Club activities at SJCET.

HOBBIES AND INTERESTS

Electronics prototyping, Community involvement, Technical volunteering, Learning new tools

REFERENCES

Available upon request.